

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

CDC-120  
3/86

In re Application of Martin S. Gate

Group Art Unit 221

Serial No.: 443,300

Examiner C. T. Jördan

Filed: September 28, 1982

Ref. No. 28759 / 1966D  
M# / Client Ref.Title: MISSILES AND CONTROL SYSTEMS  
THEREFOROur Account No. 03-3975  
Our Order No. 838 / 28759  
C# / M#

January 20, 1987

Date

Hon. Commissioner of Patents and Trademarks  
Washington, D.C. 20231

Sir:

SUPPLEMENTAL

RESPONSE/AMENDMENT/LETTER

This is a response/amendment/letter in the above-identified application and includes the herewith attachment of same date and subject which is incorporated hereinto by reference and the signature below is to be treated as the signature to the attachment in absence of a signature thereto.

Fee requirements (if any) have been calculated as shown below:

CLAIMS AS AMENDED

	Claims remaining after amendment	Highest number previously paid for	Present Extra	Additional Fee
Total Effective Claims	* 8	minus ** 20	= -	X \$12.00 = \$ -
Independent Claims	3	minus *** 3	= -	X \$34.00 = \$ -
If amendment enters <u>proper</u> multiple dependent claim(s) into this application for first time, add \$110.00 (per application) \$ -				
If <u>Terminal Disclaimer</u> enclosed, add Rule 20(d) Official fee (\$56): \$ -				
Petition is hereby made to extend the original due date of _____, to cover the date this response is filed for which the requisite fee is enclosed (1 month \$56; 2 months \$170; 3 months \$390): \$ -				
Subtotal				\$ -
Less any previous extension fee paid since above original due date				- \$ -
Subtotal				\$ -
If "small entity" verified statement filed [ ] previously, [ ] herewith, enter one-half (1/2) of subtotal and subtract				- \$ -
<b>TOTAL ADDITIONAL FEE ENCLOSED</b>				\$ -

\* If the entry in this space is less than entry in \*\* space, the  
"present extra" result is "0".

\*\* If the "highest number previously paid for" in this space is  
less than 20, write "20" in this space.

\*\*\* If the "highest number previously paid for" in this space is  
less than 3, write "3" in this space.

The Commissioner is hereby authorized to charge any fee specifically authorized hereafter, or any missing or insufficient fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under Rules 16-18 (missing or insufficiencies only) now or hereafter relative to this application and the resulting Official Document under Rule 20, or credit any overpayment, to our Account/Order Nos. shown in the heading hereof, for which purpose a duplicate copy of this sheet is attached. This statement does not authorize charge of the issue fee until/unless an issue fee transmittal sheet is filed.

1615 L Street, N.W.  
Eleventh Floor  
Washington, D.C. 20036  
Tel: (202) 861-3000  
Ref: GJP:vc

CUSHMAN, DARBY &amp; CUSHMAN

By Atty: Glenn J. Perry Reg. No. 28,458

Sig: 

RECEIVED  
JAN 20 1987  
GROUP 220  
PENDING & REVIEW

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838/28759

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

RECEIVED

Applicant : Martin S. GATE  
Serial No. : 443,300  
Filed : September 28, 1982  
Title : MISSILES AND CONTROL SYSTEMS THEREFORE  
Group Art Unit : 221  
Examiner : Charles T. Jordan

JAN 20 1987

GROUP 220  
SENSING & REVIEW

January 20, 1987

Hon. Commissioner of Patents  
and Trademarks  
Washington, D.C. 20231

SUPPLEMENTAL AMENDMENT

Sir:

Further to the amendment filed February 22, 1985, please  
amend this application as follows:

IN THE CLAIMS

Kindly add new claims 2-8 as follows:

2. A homing missile comprising:

a body part having a longitudinal axis;

a target tracker mounted in said body part and operable for  
tracking a target to be homed upon by the missile, the target  
tracker having a field-of-view which comprises only a part of an  
overall field-of-view extending all around said axis;

drive means on-board said missile for steering said missile  
laterally with respect to said axis and for rotating said body  
part about said axis to vary the position of said field-of-view  
of said tracker through said overall field-of-view; and

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